AUTODOC CLUB

How to change automatic transmission fluid on a car – replacement tutorial

VIDEO TUTORIAL



YOU WILL NEED:



- a torque wrench
- an automatic transmission filter
- automatic transmission fluid
- an automatic transmission pan gasket or new transmission pan assembly
- a new drain plug with a seal
- new fastening bolts (if the old ones are in poor condition)
- a container for the drained transmission fluid
- a cleaning agent for car parts
- a funnel or syringe
- goggles and gloves.

BUY TOOLS

Please note!

- If your automatic transmission has a dipstick, just drop a little fluid on a paper towel and observe the fluid colour.
- Bright colour: the fluid is in normal condition.
- Darkened fluid: there is a slight contamination.
- Pale fluid: there is water or coolant in the transmission.
- If your car has no dipstick, change the fluid at the intervals stated by the car manufacturer in the car owner's manual. Warning! For models with no ATF dipstick, please refer to your car's service manual for the proper method of checking the fluid level and replacing it.

1 Warm up the gearbox by driving about 5 km.



2 Lift your car or use an inspection pit.



3

Switch off the engine, shift the gear to neutral, and apply the handbrake.



4

Place the container under the transmission pan.



5

Unscrew the drain plug and wait for the transmission fluid to flow out.



6

Unscrew the transmission pan bolts and pour out the rest of the fluid.



Caution!

- Be extremely careful when removing the unscrewed transmission pan.
- You could spill the fluid over yourself.

7

Remove the automatic transmission filter.



8

Clean the pan and magnets. Prepare the mating faces of the transmission case and the pan: remove the old sealant and degrease the surface.



AUTODOC recommends:

- Inspect the gearbox magnets: a large amount of metal chips indicates wear of the assembly.

9

Install the new filter.



10

Install the new transmission pan gasket.



11 Install the pan and tighten the fastening bolts to the torque recommended by the car manufacturer.



12 Install the new drain plug with the O-ring.



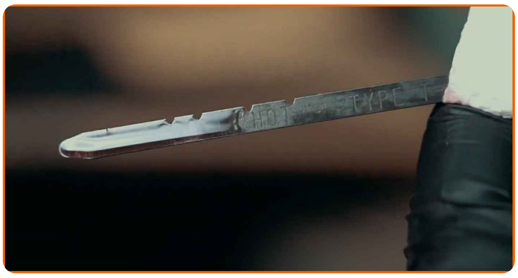
13 Add the required volume of fresh transmission fluid using a funnel or syringe.



Warning!

- Only use the fluid specified in your car owner's manual.
- Do not mix different types of transmission fluid.

14 Make sure that the fluid level is not above the "Hot" mark. This should be checked with the engine running in neutral.



Please note!

- Since this type of change leaves up to 3 litres of old fluid in the AT valve body, the same procedure should be carried out again after 5,000–15,000 km.

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